| Inde | ex of Cla | ims |
|------|-----------|-----|
|      |           |     |

Application/Control No.

10/781,467

Examiner

Applicant(s)/Patent under Reexamination

ASH ET AL. Art Unit

Nasser G. Moazzami

2187

| 7  | Rejected |
|----|----------|
| 11 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ŀ | Postricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                      |          |           |   |  |                    |              |              |              |              |              | , |       |          |                 |   |   |          |          | <u></u>  |          |              |          |
|----------------------|----------|-----------|---|--|--------------------|--------------|--------------|--------------|--------------|--------------|---|-------|----------|-----------------|---|---|----------|----------|----------|----------|--------------|----------|
| Cla                  | aim      | 丄         | _ |  |                    | Dat          | e_           | · · ·        |              |              | Į | Cla   | aim      | L.,             |   |   |          | Dat      | ę        | _        |              | _        |
| Final                | Original | 1/24/06   |   |  |                    |              |              |              |              | i            |   | Final | Original |                 |   |   |          |          |          |          |              |          |
|                      | 1        | ि         | Г | T  | T                  |              | T            | T            | T            |              | 1 |       | 51       | $\vdash$        |   | ┢ |          | T        | T        | Г        |              | T        |
|                      | 2        | 0         |   |  |                    |              | Ì            | 1            |              |              | 1 |       | 52       |                 |   |   |          |          | T        |          | Т            | Γ        |
|                      | 3        | 0         |   | Г  | T                  |              |              | T            |              | Γ            | 1 |       | 53       |                 |   |   |          |          |          |          |              | Γ        |
|                      | 4        | 0         | Ī |  | П                  | Г            |              |              |              | Г            | 1 |       | 54       |                 |   |   |          |          |          |          |              | Г        |
|                      | 5        | 0         |   |  | Г                  |              |              |              |              |              | 1 |       | 55       |                 |   |   |          |          |          |          |              | Г        |
|                      | 6        | 0         |   |  |                    |              |              |              |              |              | ] |       | 56       |                 |   |   |          |          | İ        |          |              | Г        |
|                      | 7        | 0         |   |  |                    |              |              |              |              | Π            | ] |       | 57       |                 |   |   |          |          |          |          |              |          |
|                      | 8        | 0         |   |  | $oxedsymbol{oxed}$ | L            |              |              |              |              |   |       | 58       |                 |   |   |          |          |          |          |              |          |
|                      | 9        | 0         |   |  |                    |              | <u> </u>     |              |              |              |   |       | 59       |                 |   |   |          |          |          | L.       |              |          |
|                      | 10       | 0         |   | L  |                    |              | <u></u>      |              | <u> </u>     | 乚            |   |       | 60       |                 |   |   |          |          |          |          | $oxed{oxed}$ |          |
|                      | . 11     | 0         |   |  | L                  |              | L            |              |              | <u> </u>     |   |       | 61       |                 |   |   |          |          | L        |          |              |          |
| <u></u>              | 12       | 0         |   |  |                    |              | L            |              | L            | L            |   |       | 62       |                 |   |   |          |          |          |          |              |          |
| <u></u>              | 13       | 0         |   |  |                    |              | L            |              | L            | $oxed{oxed}$ |   |       | 63       | Ш               |   |   |          |          |          |          |              | L        |
|                      | _14      | 0         |   | Ĺ  |                    |              | L            |              | <u> </u>     | L            |   |       | 64       |                 |   |   |          | L        |          |          |              | L        |
| <u></u>              | 15       | 0         |   |  |                    |              | L            |              | L            |              |   |       | 65       |                 |   |   |          |          |          |          | <u> </u>     |          |
|                      | 16       | 0         |   |  |                    |              | L            |              | L            |              |   |       | 66       |                 |   |   |          | <u> </u> |          |          |              | L        |
|                      | 17       | 0         | _ |  |                    |              | L            | L            | L            | <u> </u>     |   |       | 67       |                 |   |   |          |          | L        | L        |              | L        |
|                      | 18       |           |   |  |                    |              |              |              | L            |              |   |       | 68       |                 |   |   |          |          |          |          |              |          |
| <u> </u>             | 19       | Ш         |   |  |                    | L            |              | <u> </u>     |              | <u> </u>     |   |       | 69       | Ш               |   |   | 乚        |          |          | L        |              | L        |
|                      | 20       |           |   |  | <u> </u>           |              | L            | $oxed{oxed}$ | L            | L            |   |       | 70       | Ш               |   |   |          | L        | L        | L        |              | L        |
|                      | 21       |           |   | L.   | <u> </u>           | <u> </u>     |              | L            |              |              | ļ |       | 71       |                 |   |   |          | L        | L        | L        | ┖            | L        |
|                      | 22       | L.        |   | <u> </u>                                     | $oxed{oxed}$       | $oxed{oxed}$ | L            | _            |              | L            |   |       | 72       |                 |   | ļ |          | _        |          |          | L            | L        |
|                      | 23       |           |   | <u> </u>                                     | <u> </u>           |              | <u>_</u>     | L            | <u> </u>     | L            |   |       | 73       | Ш               |   |   | L_       | L        | _        | 乚        | Ļ            | L        |
| <u> </u>             | 24       | _         |   | _  | <u> </u>           | <u> </u>     | L            | _            | <u> </u>     | _            |   |       | 74       |                 |   | _ | L        | _        | ┡        | <u> </u> | <u> </u>     |          |
| <u> </u>             | 25       |           |   |  | <u> </u>           | <u> </u>     | L            |              | L.           | 匚            |   |       | 75       | Щ               |   | _ | L        | L        | L        | ┖        | 乚            | ↓_       |
|                      | 26       |           |   | <u>.                                    </u> | <u> </u>           | _            | <u> </u>     | <u> </u>     | _            |              |   |       | 76       |                 |   | _ | _        | <u></u>  | L        | L        | $oxed{oxed}$ | L        |
|                      | 27       | L         |   | _  | <b>├</b> -         | ╙            | <u>L</u>     | <u> </u>     | <u> </u>     | _            |   |       | 77       |                 |   |   |          |          | ļ        | <u> </u> | L_           | L        |
| <u></u>              | 28       | _         |   | _  | ╙                  | <u> </u>     | <u> </u>     | Ļ.           | _            | L.           |   |       | 78       | Щ               |   | _ | _        | _        | <u> </u> | L        | L            | _        |
|                      | 29       |           |   |  | _                  | _            | <u> </u>     | <u> </u>     | ldash        | L.,          |   |       | 79       | Ш               |   |   | _        | _        | L        | ╙        | L.           | L        |
|                      | 30       | Ш         |   | <u> </u>                                     | L                  | <u> </u>     |              | <u> </u>     | <u> </u>     |              |   |       | 80       |                 |   |   | _        |          | <u> </u> | <u> </u> | <u> </u>     | L        |
|                      | 31       | _         |   | _  | L                  | Ь            | _            | <u> </u>     | _            |              |   |       | 81       | Ш               |   | _ | L        | L        | ╙        | L-       | L_           | L        |
|                      | 32       | _         |   | _  | _                  | <u> </u>     |              | <u> </u>     | _            |              |   |       | 82       |                 |   |   | <u> </u> | <u> </u> | <u> </u> | _        | <u> </u>     | L        |
|                      | 33       |           |   |  | _                  | _            | <u> </u>     | -            | _            | _            |   |       | 83       | Н               |   |   | _        | _        | <u> </u> | <u> </u> |              | L        |
|                      | 34       | $\square$ |   | ⊢  |                    | ├-           |              | <u> </u>     | <u> </u>     | $\vdash$     |   |       | 84       | Н               |   |   | _        | ⊢        | ⊢        | ├-       | <u> </u>     | ⊢        |
| -                    | 35<br>36 | Н         |   | <u> </u>                                     | ⊢                  | _            |              | _            | _            | H            |   |       | 85<br>86 | Н               |   | _ |          | ┝        |          |          |              | -        |
| $\vdash$             | 37       | Н         |   |  | ⊢                  | <del> </del> |              | ⊢            | ⊢            | H            |   |       |          | $\vdash$        | _ |   | $\vdash$ | -        | H        | -        | -            | H        |
|                      | 38       | $\vdash$  |   | -  | -                  | -            |              | -            | -            | -            |   |       | 87       | -               |   | _ | $\vdash$ | ⊢        | ⊢        | ├-       | ⊢            | ⊢        |
|                      | 39       | Н         |   | _  | -                  | -            | -            | _            | _            | _            |   |       | 88       |                 | _ | _ | _        | ⊢        | ⊢        | $\vdash$ | -            | ⊢        |
| -                    |          | Н         |   |  | -                  | ⊢            | _            | _            | _            |              |   |       | 89       |                 |   | _ | _        | _        |          | <b>—</b> | H            | ⊢        |
| $\vdash$             | 40       | Н         |   | -  | $\vdash$           | -            | ⊢            |              | <u> </u>     | _            |   |       | 90<br>91 |                 |   | _ | <u> </u> | H        | -        | -        | $\vdash$     | ⊢        |
| -                    | 42       |           |   |  | <b> </b>           | ┢            | ├            | _            | _            | _            |   |       | 92       | $\dashv$        | _ | _ | _        | <u> </u> | $\vdash$ | H        | $\vdash$     | ⊢        |
| $\vdash$             | 42       | Н         | _ | <u> </u>                                     | $\vdash$           | ⊢            | $\vdash$     | ⊢            | $\vdash$     | $\vdash$     |   |       | 93       | $\vdash \vdash$ |   | - |          | ⊢        | ⊢        | $\vdash$ | ├-           | ⊢        |
| $\vdash$             | 44       | Н         |   | $\vdash$                                     | $\vdash$           | ├            | <del> </del> | $\vdash$     | <del> </del> | $\vdash$     |   |       | 94       | $\vdash$        |   |   | -        | $\vdash$ | $\vdash$ | ├        | -            | -        |
| $\vdash$             | 45       | $\vdash$  |   | ┢  | -                  | ⊢            | ├-           | ⊢            | $\vdash$     | Н            |   |       | 95       | $\vdash\vdash$  | - | _ | $\vdash$ | $\vdash$ | ├-       | $\vdash$ | -            | $\vdash$ |
| $\vdash\vdash\vdash$ | 46       | Н         |   | -  | $\vdash$           | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | Н            |   |       | 96       | $\vdash$        | - |   |          | $\vdash$ | ├-       | $\vdash$ |              | $\vdash$ |
| $\vdash$             | 47       | Н         | _ |  | $\vdash$           | ├            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     |   |       | 97       | $\vdash$        |   |   | -        | $\vdash$ | -        | ├        | -            | -        |
| -                    | 48       | Н         | _ | $\vdash$                                     | $\vdash$           | -            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     |   |       | 98       | $\vdash$        | - | - | -        | $\vdash$ | -        | $\vdash$ | $\vdash$     | $\vdash$ |
| <del></del>          | 49       | $\vdash$  |   | <del>  -</del>                               | <u> </u>           |              | $\vdash$     | -            | $\vdash$     | $\vdash$     |   |       | 99       | $\vdash$        | - |   | -        | ├─       | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ |
| -                    | 50       | $\vdash$  |   |  |                    | -            |              | $\vdash$     | $\vdash$     | Н            |   |       | 100      | $\vdash$        | - | - | $\vdash$ | $\vdash$ | -        | $\vdash$ | -            | $\vdash$ |
| L                    | -00      | لــــا    |   | L .  |                    | Ц            | لـــا        |              |              | ш            |   |       | 100      | ш               | _ |   |          | Ь        | 1        | i        | Щ            | Ц_       |

| Cli      | Claim  |              |              | Date   |          |          |              |              |          |           |  |  |  |
|----------|--|--------------|--------------|--|----------|----------|--------------|--------------|----------|-----------|--|--|--|
| Final    | Original                                     |              |              |  |          |          |              |              |          |           |  |  |  |
| "        | 8  |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 51   | Π            |              | Г  |          |          | П            |              |          | П         |  |  |  |
|          | 52<br>53                                     |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 53   |              |              |  |          |          | L            |              |          |           |  |  |  |
|          | 54<br>55                                     |              | L            | L  | L        | L        | L            |              |          | L         |  |  |  |
|          | 55   |              |              |  |          |          |              | L            |          | L         |  |  |  |
| <u> </u> | 56   | ļ            | <u> </u>     | _  | _        | <u> </u> |              | _            |          | <u> </u>  |  |  |  |
| _        | 57   | _            |              | Ļ.,  | <u> </u> | <u> </u> | L-           | <u> </u>     | <u> </u> | ļ         |  |  |  |
|          | 58   | <u> </u>     | _            | -  | ├-       | <u> </u> | _            | _            | <u> </u> | _         |  |  |  |
| -        | 59   | H            | -            | -  | -        | ├        | -            | -            | -        | _         |  |  |  |
|          | 60<br>61                                     |              | -            | -  | <u> </u> | ⊢        | -            |              | ⊢        | _         |  |  |  |
|          | 62   | ┢            | ┢            | -  | -        | -        | -            | ├─           | H        | H         |  |  |  |
|          | 63   | ⊢            | _            |  |          | ⊢        | $\vdash$     | ├            | $\vdash$ | $\vdash$  |  |  |  |
|          | 63<br>64<br>65                               | ╁            | $\vdash$     | $\vdash$   |          | $\vdash$ | ┢            | -            | -        | -         |  |  |  |
|          | 65   | <del> </del> | <del> </del> | <del>                                     </del> | $\vdash$ |          | $\vdash$     | $\vdash$     | $\vdash$ |           |  |  |  |
| -        | 66   | H            | $\vdash$     | $\vdash$   | $\vdash$ | Н        | <del> </del> | <del> </del> | $\vdash$ | $\vdash$  |  |  |  |
|          | 66<br>67                                     |              |              |  |          | T        |              | _            |          | _         |  |  |  |
|          | 68   |              |              |  |          |          |              | _            |          |           |  |  |  |
|          | 69   | _            | $\vdash$     |  | Т        |          | Т            |              |          |           |  |  |  |
|          | 69<br>70                                     |              |              |  |          |          |              |              |          | $\Box$    |  |  |  |
|          | 71   |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 72   |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 74   |              | _            |  | L        |          | L            | <u> </u>     |          |           |  |  |  |
|          | 75   | L            | _            | _  | L        |          | <u> </u>     | <u> </u>     | <u> </u> |           |  |  |  |
| <u></u>  | 76   | <u> </u>     | _            | <u> </u>   | _        |          |              | <u> </u>     | _        | ļ.,       |  |  |  |
|          | 77   | ļ            |              | _  |          | _        | <u> </u>     | _            | <u> </u> |           |  |  |  |
| -        | 78   | _            | <u> </u>     |  |          |          |              | _            | _        | _         |  |  |  |
|          | 79   | _            | <u> </u>     | -  | -        | -        | ⊢            | _            | -        | L         |  |  |  |
|          | 80<br>81                                     |              | -            |  | -        |          | <u> </u>     | -            |          | _         |  |  |  |
|          | 82   | -            | ┝            | <del> </del>                                     | $\vdash$ | ┝        | $\vdash$     | ├-           | ⊢        | <u> </u>  |  |  |  |
|          | 83   | -            | _            | $\vdash$   | $\vdash$ | ┢        | ┢            | <del> </del> | $\vdash$ | $\vdash$  |  |  |  |
|          | 84   | $\vdash$     | $\vdash$     |  | $\vdash$ | $\vdash$ | _            | _            | $\vdash$ | -         |  |  |  |
|          | 85   | $\vdash$     | $\vdash$     | Т  | Т        |          | Т            | $\vdash$     |          |           |  |  |  |
|          | 86   | Г            |              | Г  |          | Г        |              |              | -        |           |  |  |  |
|          | 87   |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 88   |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 89   |              |              |  |          |          |              |              |          |           |  |  |  |
|          | 90   |              |              |  |          | $\Box$   |              |              |          |           |  |  |  |
| <u></u>  | 91   | Щ            | $\Box$       | Щ  | :        | _        | Щ            |              |          | Ш         |  |  |  |
| <u> </u> | 92   | $\vdash$     | $\vdash$     | <u> </u>   | -        | <u> </u> |              |              |          |           |  |  |  |
| ·        | 93   |              | _            |  | _        | <u> </u> | H            |              |          | $\square$ |  |  |  |
| $\vdash$ | 94   | $\vdash$     | <u> </u>     | H  |          | $\vdash$ | <u> </u>     |              | <u> </u> | $\vdash$  |  |  |  |
| -        | 95<br>96                                     |              |              |  |          | $\vdash$ | -            |              |          | $\vdash$  |  |  |  |
| -        | 96   | -            |              | -  | <u> </u> | $\vdash$ | -            | $\vdash$     |          | $\vdash$  |  |  |  |
| -        | 98   | H            | $\vdash$     | $\vdash$   | <u> </u> | $\vdash$ | -            | $\vdash$     | $\vdash$ | $\vdash$  |  |  |  |
|          | 99   |              |              |  | -        | $\vdash$ | $\vdash$     | $\vdash$     | Н        | $\vdash$  |  |  |  |
|          | 100  |              |              | -  | _        | _        | -            |              | -        | $\vdash$  |  |  |  |

| Cli   | Date  |          |                                     |          |          |          |          |              |          |                 |
|-------|---|----------|-------------------------------------|----------|----------|----------|----------|--------------|----------|-----------------|
| Final | Original                                      |          |                                     |          |          |          |          |              |          |                 |
|       | 101<br>102                                    |          |                                     |          |          |          |          |              |          |                 |
|       | 102   |          | <u> </u>                            |          | <u> </u> |          | L        |              |          | Ш               |
|       | 103   | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | ļ        | ļ_       | <u> </u> | L        |              | <u> </u> | Ш               |
|       | 104<br>105                                    | _        | ⊢                                   | ⊢        | ⊢        | <u> </u> | _        | _            |          | $\vdash$        |
| _     | 106   |          | ├                                   | ⊢        | $\vdash$ | ┢        | ⊢        | -            | -        | Н               |
|       | 107   | -        | -                                   | ⊢        | ⊢        | ⊢        | ┢        | ╌            | -        | Н               |
|       | 107<br>108                                    |          | $\vdash$                            | _        | $\vdash$ | Н        | $\vdash$ | -            |          | Н               |
|       | 109   |          |                                     |          |          | Г        | ┢        |              |          | П               |
|       | 110   |          |                                     |          |          |          |          |              |          |                 |
|       | 111   |          |                                     |          |          |          |          |              |          |                 |
|       | 112<br>113                                    |          | L                                   | _        | L        | _        | _        | ļ            | L        | Щ               |
|       | 113   | _        | <u> </u>                            | <u> </u> |          | _        | _        | <u> </u>     | <u> </u> | Щ               |
|       | 114   |          | ┝                                   |          | _        | _        | _        | <u> </u>     | -        | Н               |
|       | 115<br>116                                    | _        | ┝                                   |          | $\vdash$ | H        | -        | ├            | ⊢        | Н               |
|       | 117   | -        |                                     | -        |          |          | $\vdash$ | <del> </del> |          | Н               |
| _     | 118   |          | ┢                                   | ┢─       | -        | -        | -        | $\vdash$     | ┢        | H               |
|       | 118<br>119                                    |          | -                                   | ┢        | ┢        |          |          |              |          | Н               |
|       | 120   |          |                                     |          |          |          |          |              |          |                 |
|       | 121   |          |                                     |          |          |          |          |              |          |                 |
|       | 121<br>122<br>123                             |          |                                     |          |          |          |          |              |          |                 |
|       | 123   |          |                                     |          |          | L.       | _        | _            | _        | Ш               |
|       | 124   |          | L_                                  | _        | L        | _        |          | _            |          |                 |
|       | 125   |          | <u> </u>                            | <u> </u> | _        | _        |          | _            | <u> </u> | Н               |
|       | 120   |          | ⊢                                   | ⊢        | <u> </u> | H        |          | -            | <u> </u> | Н               |
|       | 124<br>125<br>126<br>127<br>128<br>129<br>130 |          | <del> </del>                        | -        | ┢        |          |          | -            | -        | Н               |
|       | 129   |          | $\vdash$                            | -        |          | -        |          | H            |          | H               |
|       | 130   |          |                                     |          | ┢        |          |          |              |          | Н               |
|       | 131   |          |                                     |          |          |          |          |              |          | П               |
|       | 132<br>133                                    |          |                                     |          |          |          |          |              |          |                 |
|       | 133   |          |                                     |          |          |          |          |              |          |                 |
|       | 134   |          |                                     |          |          |          |          |              |          | Щ               |
|       | 135<br>136                                    |          |                                     |          |          |          |          |              |          | Ш               |
|       | 136   | _        | _                                   | _        |          | Н        |          |              | <u>_</u> | $\vdash\vdash$  |
|       | 137   |          |                                     | -        | _        | H        | _        | _            |          | H               |
|       | 138<br>139                                    |          | -                                   | -        | $\vdash$ | Н        | _        | H            |          | $\vdash$        |
|       | 140   | -        | Н                                   | Н        | -        | $\vdash$ |          | Н            | -        | $\vdash$        |
|       | 141   |          |                                     |          |          |          |          |              |          |                 |
|       | 142   |          |                                     |          |          |          |          |              |          |                 |
|       | 143   |          |                                     |          |          |          |          |              |          |                 |
| ]     | 144   |          |                                     |          | Щ        | Ш        |          | Ш            |          |                 |
|       | 145   | _        |                                     |          | Щ        |          |          | Щ            |          | Щ               |
|       | 146   | -        |                                     |          |          | $\vdash$ | _        |              |          | Н               |
|       | 147<br>148                                    | $\dashv$ | Н                                   | -        | $\vdash$ | $\vdash$ | _        | $\vdash$     |          | Н               |
|       | 149   | $\dashv$ |                                     | _        |          |          |          | H            | -        | $\vdash$        |
|       | 150   | $\dashv$ |                                     | -        | $\vdash$ | $\vdash$ | -        | $\vdash$     |          | $\vdash \vdash$ |
|       | .50   |          |                                     |          |          | ш        |          |              |          |                 |